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| APPLICATION NO. | FILING DATE | FIRST NAMED | INVENTOR | | ATTORNEY DOCKET NO. | |
|---------------------------------|-------------|-------------|----------|-----------------------|---------------------|--|
| 09/089,098 | 06/02/98 | BERTRAM | | R | RA998-003 | |
| | | | 7 | EXAMINER | | |
| | | TM02/0507 | | | | |
| JOSCELYN G COCKBURN | | | | HUYNH.C | | |
| IBM CORPORA | ATION 972/B | 656 | | ART UNIT PAPER NUMBER | | |
| P 0 B0X 12: | 195 | | • | | | |
| RESEARCH TRIANGLE PARK NC 27709 | | | | 2176 | | |
| | | | | DATE MAILED |)• | |
| | | • | | DAIL MAILED | 05/07/01 | |

Please find below and/or attached an Office communication concerning this application or proceeding.

Commissioner of Patents and Trademarks

1- File Copy

| | Application No. | Applicant(s) | Applicant(s) | | | | | |
|--|--|--|---------------------|--|--|--|--|--|
| Office Action Summary | 09/089,098 | BERTRAM, RANG | DAL LEE | | | | | |
| Office Action Summary | Examiner | Art Unit | | | | | | |
| | Cong-Lac Huynh | 2176 | | | | | | |
| The MAILING DATE of this communication appears on the cover sheet with the correspondence address Period for Reply | | | | | | | | |
| A SHORTENED STATUTORY PERIOD FOR RE THE MAILING DATE OF THIS COMMUNICATIO - Extensions of time may be available under the provisions of 37 CFI after SIX (6) MONTHS from the mailing date of this communication - If the period for reply specified above is less than thirty (30) days, a - If NO period for reply is specified above, the maximum statutory pe - Failure to reply within the set or extended period for reply will, by st - Any reply received by the Office later than three months after the mearned patent term adjustment. See 37 CFR 1.704(b). Status | DN. R 1.136 (a). In no event, however, may a re I. I reply within the statutory minimum of thirty riod will apply and will expire SIX (6) MONT latute, cause the application to become ABA | ply be timely filed (30) days will be considered timely HS from the mailing date of this of | y. ommunication. | | | | | |
| 1) Responsive to communication(s) filed on | 12 February 2001 . | | | | | | | |
| 2a) ☐ This action is FINAL . 2b) ☑ | This action is non-final. | | | | | | | |
| 3) Since this application is in condition for allowance except for formal matters, prosecution as to the ments is closed in accordance with the practice under <i>Ex parte Quayle</i> , 1935 C.D. 11, 453 O.G. 213. | | | | | | | | |
| Disposition of Claims | | | | | | | | |
| 4)⊠ Claim(s) <u>32-74</u> is/are pending in the application. | | | | | | | | |
| 4a) Of the above claim(s) is/are withdrawn from consideration. | | | | | | | | |
| 5) Claim(s) is/are allowed. | | | | | | | | |
| 6) ☐ Claim(s) is/are rejected. | | | | | | | | |
| 7) Claim(s) is/are objected to. | | | | | | | | |
| 8) Claims 32-74 are subject to restriction and | d/or election requirement. | | | | | | | |
| Application Papers | | | | | | | | |
| 9) The specification is objected to by the Examiner. | | | | | | | | |
| 10) The drawing(s) filed on is/are objected to by the Examiner. | | | | | | | | |
| 11)☐ The proposed drawing correction filed on is: a)☐ approved b)☐ disapproved. | | | | | | | | |
| 12)☐ The oath or declaration is objected to by the Examiner. | | | | | | | | |
| Priority under 35 U.S.C. \$ 119 | | | | | | | | |
| 13) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. \$ 119(a)-(d) or (f). | | | | | | | | |
| a) ☐ All b) ☐ Some * c) ☐ None of: | | | | | | | | |
| 1. Certified copies of the priority documents have been received. | | | | | | | | |
| 2. Certified copies of the priority documents have been received in Application No | | | | | | | | |
| 3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)). | | | | | | | | |
| * See the attached detailed Office action for a list of the certified copies not received. 14) Acknowledgement is made of a claim for domestic priority under 35 U.S.C. § 119(e). | | | | | | | | |
| 14) Acknowledgement is made of a claim for do | omesiic priority under 35 0.5.C | . 9 119(e). | | | | | | |
| AMachanau () | | | | | | | | |
| Attachment(s) 15) Notice of References Cited (PTO-892) 18) Interview Summary (PTO-413) Paper No(s) | | | | | | | | |
| 16) Notice of References Cited (PTO-892) 16) Notice of Draftsperson's Patent Drawing Review (PTO-948) 17) Information Disclosure Statement(s) (PTO-1449) Paper No | 3) 19) Notice of Ir | nummary (P1O-413) Paper No nformal Patent Application (P1 | | | | | | |

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DETAILED ACTION

Election/Restrictions

- 1. Restriction to one of the following inventions is required under 35 U.S.C. 121:
 - Claims 32-41, 74, drawn to a method for abbreviating an entry, classified in class 707, subclass 534.
 - II. Claims 42-73, drawn to a method, a program and a system for reducing an amount of horizontal space of column headings of a table classified in class 707, subclass 503.
- 2. The inventions are distinct, each from the other because of the following reasons: Inventions I and II are related as combination and subcombination. Inventions in this relationship are distinct if it can be shown that (1) the combination as claimed does not require the particulars of the subcombination as claimed for patentability, and (2) that the subcombination has utility by itself or in other combinations (MPEP § 806.05(c)). In the instant case, the combination as claimed does not require the particulars of the subcombination as claimed because the abbreviation is applied for an entry which can be any text. The subcombination has separate utility such as the reducing of horizontal space is applied particularly for the column headings in a table or a spreadsheet.

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- 3. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art as shown by their different classification, restriction for examination purposes as indicated is proper.
- 4. Because these inventions are distinct for the reasons given above and the search required for Group I is not required for Group II, restriction for examination purposes as indicated is proper.
- 5. Because these inventions are distinct for the reasons given above and have acquired a separate status in the art because of their recognized divergent subject matter, restriction for examination purposes as indicated is proper.
- 6. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Cong-Lac Huynh whose telephone number is 703-305-0432. The examiner can normally be reached on Mon-Fri (8:30-6:00).

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Heather Herndon can be reached on 703-308-5186. The fax phone numbers for the organization where this application or proceeding is assigned are 703-308-5403 for regular communications and 707-308-5403 for After Final communications.

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Any inquiry of a general nature or relating to the status of this application or proceeding should be directed to the receptionist whose telephone number is 703-305-9000.

clh May 4, 2001

> STEPHEN S. HONG PRIMARY EXAMINER